

C / entitled STENT WITH A BIOCOMPATIBLE NON-THROMBOGENIC JACKET, and application Serial No. 09/053,200, filed April 1, 1998, entitled NON-THROMBOGENIC STENT JACKET, and application Serial No. 09/156,034, filed September 17, 1998, entitled NON-THROMBOGENIC STENT JACKET, which are incorporated herein in their entirety.

IN THE CLAIMS

*Please amend claims 1, 3-5, 11 and 29 to read as follows:*

*C2* 1. A stent assembly for maintaining the patency of a body lumen comprising an expandable stent with a cylindrical jacket formed of biocompatible, non-thrombogenic material which has a thinned layer of heterologous tissue less than 0.45 mm thick and which has a surface formed from removal of an outer layer of the tissue.

*C3* 3. The stent assembly of claim 2, wherein the heterologous tissue is a pericardium selected from the group consisting of bovine pericardium and porcine pericardium.

4. The stent assembly of claim 3, wherein the heterologous tissue comprises bovine pericardium with cross-linked collagen.

*C4* 5. The stent assembly of claim 1 including at least one therapeutic or diagnostic agent releasably contained in the cylindrical jacket.

*C5* 11. A cylindrical jacket formed of heterologous tissue configured to fit over a portion of an intraluminal stent comprising a thinned layer of tissue which is less than